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Patent Plagies



JP2076598A: ANTI ED-B ANTIBODY

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Country: **JP Japan**

Inventor(s):
**SEKIGUCHI KIYOTOSHI
 CHITANI KOUICHI
 HIRANO NAONOBU
 TACHIKAWA TETSUYA
 SHIN TEIKIN**

Applicant(s):
**FUJITA GAKUEN
 OTSUKA PHARMACEUT CO LTD**

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IPC Class: **C12P 021/08; C12N 005/16; C12N 015/06; G01N 033/53; G01N 033/574;
 A61K 039/395; C07K 007/08; C12P 021/08; C07K 099/00;**

Abstract: **Purpose:** To obtain an antibody having specific reactivity to carcinomatous FN by administering peptide, etc., having amino acid sequence expressed by a specific formula to a mammal as an immunogen and producing a desired antibody in vivo.

Constitution: A peptide or protein having at least amino acid sequence expressed by formula I, formula II or formula III (A is alanine, D is aspartic acid, N is asparagine, I is isoleucine, L is leucine, G is glycine, P is proline, S is serine, E is glutamic acid, Q is glutamine, T is threonine, F is phenylalanine, V is valine, C is cysteine, Y is tyrosine) is administered to a mammal as an immunogen to produce the antibody capable of specifically recognizing ED-B and having specific reactivity to cancerous FN in vivo.

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(30) Priority:	(71) Applicant: FUJITA GAKUEN OTSUKA PHARMACEUTICAL COMPANY LTD.
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(84) Designated contracting states:	(72) Inventor: SEKIGUCHI KIYOTOSHI CHITANI KOICHI HIRANO NAONOBU TACHIKAWA TETSUYA SHIN TEIKIN
	(74) Representative:

(54) ANTI ED-B ANTIBODY

(57) Abstract:

PURPOSE: To obtain an antibody having specific reactivity to carcinomatous FN by administering peptide, etc., having amino acid sequence expressed by a specific formula to a mammal as an immunogen and producing a desired antibody in vivo.

E G I P I F E D F V D S S V

CONSTITUTION: A peptide or protein having at least amino acid sequence expressed by formula I, formula II or formula III (A is alanine, D is aspartic acid, N is asparagine, I is isoleucine, L is leucine, G is glycine, P is proline, S is serine, E is glutamic acid, Q is glutamine, T is threonine, F is phenylalanine, V is valine, C is cysteine, Y is tyrosine) is administered to a mammal as an

Y T V T G L E P G I D Y D I

administered to a mammal as an immunogen to produce the antibody capable of specifically recognizing ED-B and having specific reactivity to cancerous FN in vivo.

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N G G E S A P T T L T Q Q T